

Date: Thu, 5 May 94 03:09:12 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #489
To: Info-Hams

Info-Hams Digest Thu, 5 May 94 Volume 94 : Issue 489

Today's Topics:

(none)
Amateur Radio NudeNet
digital speech transmission for HAMS? (2 msgs)
dual band: is (one of) Yaesu, Icom, or Kenwood a good choic
FD Logging Software.
FT-530 Mod Made Easy? (2 msgs)
Gun Owners: Protect your Rights! (2 msgs)
Ham relocating to Austin, Tx
How to make a diplexer?
Looking for European Hams
Need copies of tower laws
PROPAGATION - by AD5Q
Rochester, NH Hamfest
Ten-Tec Address (or fax #
WARNING: Potential Satellite Anomaly Warning

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 5 May 94 05:39:41 GMT
From: news-mail-gateway@ucsd.edu
Subject: (none)
To: info-hams@ucsd.edu

Subject : RACES Bulletin #324

Bid: \$RACESBUL.324
Subject : RACES Bulletin #324

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO ALL COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: ALL AMATEURS U.S (@USA: INFORMATION), CAP, MARS
FROM: CA GOVERNORS OFFICE OF EMERGENCY SERVICES
(W6SIG@WA6NWE.CA) Ph: 916-262-1600
2800 Meadowview Rd., Sacramento, CA 95832
Landline BBS Open to All: 916-262-1657
RACESBUL.324 RELEASE DATE: May 2, 1994

Subject: OPS - Responding to a Call-Out

"...I might be willing to respond on something like the Northridge quake, where there is no damage in my area. However I am not about to leave my home unprotected, without gas, electricity, water or telephone if there is looting and civil unrest and the police are stretched so thin that they cannot adequately cope."

Comments: In an emergency, our first concern is rightly that of our family or other personal priority. There are and can be instances where it is inappropriate to respond to any aspect of a call-out. There are those, however, who have prepared their families in what to do and how to cope so that they can respond to a duty station and stay as long as needed (with adequate rest periods inter-spersed as appropriate.) Such people will literally go around almost any barrier to respond to the local need if that is expected of them and they have been trained for that response level. Essentially it depends on our personal situation, perspective and preparedness; physical as well as mental. It's our choice!

It may not be possible to make preparations for every eventuality, but it starts with our personal view point. There is no "right" or "wrong" perspective or reaction. Each must chose. Experience does show that there are those whose dedication is at such a level that the concerns expressed are transcended by their own choice. It depends on ones personal priorities. There are instances of response in face of total personal loss, as well as all conditions in between. Again: it's your choice. Whatever you chose is right for you.
EOM

RACES Bulletins are archived on the Internet at ucsd.edu in hamradio/races or in hamradio/packet/tcpip/incoming and can be retrieved using FTP. The opinions stated are those of the author of the bulletin and not the poster.

Date: Wed, 4 May 1994 14:57:50 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!oakhill!yosemite.sps.mot.com!
ben@network.ucsd.edu
Subject: Amateur Radio NudeNet
To: info-hams@ucsd.edu

In article <tech.767983829@aupair.cs.athabascau.ca>, Richard Loken <tech@aupair.cs.athabascau.ca> wrote:
>Considering who I see at most hamfests, nude amateur radio events will never
>become a big spectator sport.

Most amateur radio events, fortunately, are not spectator sports, and operating a ham radio station while nude is no different from doing it while clothed, other than the increased level of comfort on the part of the operator.

```
>As for nude hiking, we have too many biting flies up here.... Besides, I
>might trip over myself!
```

If you have Avon products available to you in Alberta, you might try to obtain their product called "Skin-so-Soft", a skin moisturizer which just happens to make a dandy bug repellent... but to many folks, it has a less objectionable odor than other repellents.

- -ben

```
--
Ben Thornton                                Amateur call: WD5HLS
Internet: ben@yosemite.sps.mot.com          Motorola Inc., Austin, TX
Caution: Wearing clothes has been shown to cause permanent psychological
          dependence on textiles.  WEAR THEM AT YOUR OWN RISK.
```

Date: 4 May 94 22:18:50 GMT
From: agate!netsys!pagesat.net!news.cerf.net!usc!nic-nac.CSU.net!
channel.ecst.csuchico.edu!yeshua.marcam.com!news.kei.com!ssd.intel.com!chnews!
cmoore@uchvax.berkeley.edu
Subject: digital speech transmission for HAMS?
To: info-hams@ucsd.edu

Stefan Wimmer (wsw@cellware.de) wrote:

: Does anybody know, how they do it? And, is there a kind of chipset
: available for own experiments? Or can commercial phones be modified for
: HAM use? Stefan Wimmer

They simply have the bandwidth and we don't. They have eight wires coming in, digitize the voices into eight time slots at 64kb, send the 64kb out over a broad band wireless (microwave), demod into eight voices at the other end, and send them out over eight wires.

We don't have wires coming in, we have channels, more akin to cellular. We could do analog or digital cellular but not with our present HTs.

73, KG7BK, CecilMoore@Delphi.com

Date: Wed, 4 May 1994 11:09:17
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!EU.net!Germany.EU.net!netmbx.de!
midas.cellware.de!wsw.cellware.de!wsw@network.ucsd.edu
Subject: digital speech transmission for HAMS?
To: info-hams@ucsd.edu

Hi OM out there!

last night I had a nice QSO with some OM about HAM and cellular phones. We had the idea that one should try whether digital speech transmission is possible in 2m, 70cm... too. But as far as i know, phone companies do 8 kilosamples per second with 8 bits (=64kBaud). I think it's too much to transmit this way via narrowband FM. There must be some kind of data reduction in commercial services.

Does anybody know, how they do it? And, is there a kind of chipset available for own experiments? Or can commercial phones be modified for HAM use?

Many questions in one file - but i rely on all you very kind Internet users (:-))

If you know something that could help me: pse don't hesitate to email or send it by packet - I'm very curious about this stuff.

vy 73 from Berlin de
Stefan Wimmer

Packet Radio: DD6FM @ DB0GR
e-mail: SW@CELLWARE.de

By the way: the name of our company (Cellware) has nothing to do with

cellular phones!

Date: 4 May 1994 13:20:03 -0400
From: hp81.prod.aol.net!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: dual band: is (one of) Yaesu, Icom, or Kenwood a good choic
To: info-hams@ucsd.edu

In article <Coz6IL.F17@csn.org>, jwdxt@csn.org (Jim Deeming) writes:

<trying to decide about dual band HTs>

I just bought the Yaesu FT530 at the Dayton Hamvention (\$370 without tax). This radio is incredible. Easy to use, great sounding, multiple power levels in the low setting, dual receive on the same band, small, TX APO as well as RX APO.

This is my second Yaesu dual band HT. The other is the 470. You won't go wrong with the 530...BUY IT.

de WB8NUT

Date: 4 May 1994 15:18:12 GMT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!noc.near.net!jericho.mc.com!fugu!levine@network.ucsd.edu
Subject: FD Logging Software.
To: info-hams@ucsd.edu

In article 69@doghouse.win.net, jsalemi@doghouse.win.net (Joe Salemi) writes:

-->

-->

-->Umm, the CT BBS is still "on the air;" the number is 508-460-8877. I

-->just got 8.53 (the latest version) off it two days ago.

-->

-->73...joe

-->

-->

-->

--> -----

-->Joe Salemi, KR4CZ	Internet: jsalemi@doghouse.win.net
-->Compuserve: 72631,23	FidoNet: 1:109/136
-->703-548-0928	MCI Mail: 433-3961
-->	

The latest version is 9. I got it just four days ago

at Dayton.

Bob Levine KD1GG 7J1AIS VK2GYN formerly KA1JFP
levine@mc.com <--Internet email Phone(508) 256-1300 x247
kd1gg@wa1phy.ma <--Packet Mail FAX(508) 256-3599

Date: 04 May 1994 18:55:29 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!cat.cis.Brown.EDU!noc.near.net!
chaos.dac.neu.edu!chaos.dac!wylz@network.ucsd.edu
Subject: FT-530 Mod Made Easy?
To: info-hams@ucsd.edu

In article <2q87f3\$3ri@oak.oakland.edu> prvalko@vela.acs.oakland.edu (prvalko)
writes:

Path: chaos.dac.neu.edu!grapevine.lcs.mit.edu!uhog.mit.edu!news.kei.com!
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!news1.oakland.edu!
vela.acs.oakland.edu!prvalko

From: prvalko@vela.acs.oakland.edu (prvalko)
Newsgroups: rec.radio.amateur.misc
Date: 4 May 1994 13:20:35 GMT
Organization: Oakland University, Rochester, Michigan, U.S.A.
Lines: 9
References: <940503210424.f342@gms.mh.wp.kgf.com>
NNTP-Posting-Host: vela.acs.oakland.edu
X-Newsreader: TIN [version 1.2 PL0]

I was over at Vince's house last night and he DID get it to work.

He had to also unsolder pad #15. Which on MY ft-530 would have enabled
the out-of-band TX feature (which I DON'T want).

Oddly, Vince's rig does NOT TX out-of-band with pad #15 unsoldered!

73 wb8zjl =paul=

This is correct. Desoldering pad #15 will disable out of band tx.
Resoldering it will permit out of band tx.

Scott

--

```
=====
| Scott Ehrlich           Amateur Radio: wy1z       AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu   BITnet: wy1z@NUHUB       AX.25: wy1z@wa1phy.ma.usa.na |
|-----|
|           Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
|           the World - ftp.std.com pub/hamradio                             |
|
=====
```

Date: 4 May 1994 13:20:35 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!usc!nic-
nac.CSU.net!charnel.ecst.csuchico.edu!yeshua.marcam.com!zip.eecs.umich.edu!
newsxfer.itd.umich.edu!@@ihnp4.ucsd.edu
Subject: FT-530 Mod Made Easy?
To: info-hams@ucsd.edu

I was over at Vince's house last night and he DID get it to work.

He had to also unsolder pad #15. Which on MY ft-530 would have enabled
the out-of-band TX feature (which I DON'T want).

Oddly, Vince's rig does NOT TX out-of-band with pad #15 unsoldered!

73 wb8zjl =paul=

Date: Wed, 04 May 94 14:50:54 EDT
From: lerc.nasa.gov!kira.cc.uakron.edu!malgudi.oar.net!hypnos!voxbox!
jgrubs@purdue.edu
Subject: Gun Owners: Protect your Rights!
To: info-hams@ucsd.edu

md@maxcy2.maxcy.brown.edu (Michael P. Deignan) writes:

>
> MINKC@LAKEHURST.NAVY.MIL writes:
>
> > Typical of you NRA wackos, you have abused the media by placing
> > this issue in an amateur radio forum to make your absurd case.
> > No one needs assault weapons. Any one with any sense will urge
> > congress to BAN ALL ASSAULT WEAPONS immediately.
> > Wake up.
>

> Typical of you free-speech wackos, you have abused the media by placing
> this issue in an amateur radio forum to make your absurd case.
> No one needs free speech. Any one with any sense will urge congress
> to BAN ALL FREE SPEECH immediately.

Bad joke! They're working on it.

```
/-----\
| Jim Grubs, W8GRT          Voxbox Enterprises    Tel.: 419/882-2697 |
| jgrubs@voxbox.norden1.com 6817 Maplewood Ave.   |
| Fido: 1:234/1.0          Sylvania, Ohio 43560   |
\--+-----/
```

Date: Wed, 4 May 1994 15:32:31 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!brunix!maxcy2.maxcy.brown.edu!
md@network.ucsd.edu
Subject: Gun Owners: Protect your Rights!
To: info-hams@ucsd.edu

MINKC@LAKEHURST.NAVY.MIL writes:

> Typical of you NRA wackos, you have abused the media by placing
> this issue in an amateur radio forum to make your absurd case.
> No one needs assault weapons. Any one with any sense will urge
> congress to BAN ALL ASSAULT WEAPONS immediately.
> Wake up.

Typical of you free-speech wackos, you have abused the media by placing
this issue in an amateur radio forum to make your absurd case.
No one needs free speech. Any one with any sense will urge congress
to BAN ALL FREE SPEECH immediately.

Wake up.

MD

--
-- Michael P. Deignan
-- Amalgamated Baby Seal Poachers Union, Local 101
-- "Get 'The Club'... Endorsed by Baby Seal poachers everywhere..."

Date: 4 May 94 11:04:47 EST
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!
usenet.ins.cwru.edu!news1.hh.ab.com!iccgcc.cs.hh.ab.com!whitej@network.ucsd.edu

Subject: Ham relocating to Austin, Tx
To: info-hams@ucsd.edu

Hi,
Am planning to relocate to Austin in the near future. Would like to establish contact with one or more hams in the Austin area for advice on a good ham location. Visited Austin last week and was somewhat dismayed by the restrictions in many areas. Any help would be much appreciated.

73 Joe KE6HA (Cleveland, Ohio)

Date: Wed, 4 May 1994 13:51:42 GMT
From: yuma!galen@purdue.edu
Subject: How to make a diplexer?
To: info-hams@ucsd.edu

In article <Cp91nB.6J7@iceonline.com> janc@icebox.iceonline.com (Jan Chojnacki) writes:

>>L1: 2 turns #14, 3/16" dia.

>

>Are those inside or outside diameters?

>

Inside diameters. Use the solid portions of that size drill bit.

Date: 5 May 94 03:51:14 GMT
From: agate!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
n1gak@ucbvax.berkeley.edu
Subject: Looking for European Hams
To: info-hams@ucsd.edu

My house-mate and I (N1NQP and N1GAK) will be touring Eastern Europe this summer. We hope to visit Poland, Romania, Russia, and so forth. If you are a ham in these countries, and would like a visit, or would like to offer hospitality, we're building our database.

Scott

Date: 5 May 94 04:24:15 GMT
From: agate!howland.reston.ans.net!vixen.cso.uiuc.edu!sdd.hp.com!
news.cs.indiana.edu!noose.ecn.purdue.edu!dynamo.ecn.purdue.edu!
miller@ucbvax.berkeley.edu

Subject: Need copies of tower laws
To: info-hams@ucsd.edu

I am looking for help from someone in Illinois - I would like a copy of the state bill that would exempt amateurs from overly restrictive antenna height restrictions. Actually if there are any other states that have proposed legislation of a similar nature I could use copies of those bills (or laws) as well.

We had a pretty nasty tornado come through here last week, and amateur radio volunteers were some of the first rescue personnel on the scene.

Therefore I want to "strike while the iron is hot" and get copies of legislation from other states to my congressperson while the twister is still fresh in her mind....

Thanks in advance,

Tim

FAX 317-494-6440

=====

Tim Miller Manager Solid State Materials and Devices Laboratories
Purdue University School of Electrical Engineering

Internet: miller@ecn.purdue.edu AMPRnet: n9dki@w9yb.in.usa.na

"America's one of the finest countries anyone ever stole" -Bobcat Goldthwait

=====

Date: Wed, 4 May 1994 14:49:11 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
marcbg@network.ucsd.edu
Subject: PROPAGATION - by AD5Q
To: info-hams@ucsd.edu

PROPAGATION - by AD5Q

FROM THE MAY 1994 NARS NEWS

April was disappointing. For the first half of the month we had a recurrence of the disturbed conditions from March. The bands opened up later in the month as these disturbances moved to the other side of the sun. The first half of May will likely bring yet another two weeks of poor conditions. Aside from this, late spring is an excellent season for DXing - especially on 20. There is still another problem.

During the 2 weeks of quiet conditions in late April, fluxes were mostly down in the 70's. We should still expect periods where they are higher, and hope that they range from the 70's to the 90's. The most effected band in this range is 15 meters. When in the low end of the range (as in late April), we get a taste of what 15 will sound like for the next few years. The band was mostly dead. Openings were marginal, with only a few european signals coming through. Without higher fluxes in May, there will be little DX on this band until the fall. East/west paths will be OK, so the band should be watched for openings to Africa and the Pacific. The same can be said of 10 meters.

20 has opened up nicely, but still closes down completely after midnight. With flux levels in the 70's, the high latitude night path to Europe will not open (but check 30 meters). After dark, a pipeline opens over the pole to Siberia, Turkistan (UI, UL, UM, UH, UJ), parts of Russia, and points further south. As we progress toward summer, these openings should expand westward to the more heavily populated portions of Russia and Ukraine - but not Europe. The best european openings seem to be in late afternoon and in the morning. Morning is also a good time for the polar paths, and this opening includes paths to eastern Asia. Signals from the S.E. quarter of Asia come through until noon. Careful tuning of 20 meters in the morning can pay off nicely when the fluxes are too low to open Europe on 15. Contacts with 9V, BY, JT, 9M, V8, HS, S2, & BV can be made routinely nowadays, with rarer DX always a possibility. Long path is usually open for a couple hours after sunrise - mostly to the Indian Ocean and southern Africa.

17 meters is another alternative for day path contacts into Europe, and recently has had more DX activity than 15. May should be an excellent month for this band. 40 also remains in good shape, with many nice long path and Asian contacts being made (mostly from the west coast). As I write this (May 3), the A index is back up to 30, and so that mess on the other side of the sun is returning for another go-around. This forecast is not valid until things clear up again.

NORTHWEST AMATEUR RADIO SOCIETY

HOUSTON, TEXAS

--

Marc Grant

Home: marcdbg@netcom.com

Telephone: 214-205-4593

Office: marcdbg@esy.com

Amateur Radio N5MEI

"The road to enlightenment is chuck full o' potholes"

Date: 4 May 1994 19:44:02 GMT
From: news.bu.edu!dartvax.dartmouth.edu!usenet@purdue.edu
Subject: Rochester, NH Hamfest
To: info-hams@ucsd.edu

I may be going to the Rochester, NH hamfest this weekend.
However, I just took another look at the New England hamfest list, and
I see the note that says:

\$20@9AM \$5@3PM

Anyone know if this means entry fee to get in and buy, or a seller's
fee? If it's going to cost me \$20 just to get in and look around (plus
\$10 in gas to get there and back), I'm not going. I can't afford to
buy much of anything anyway...

```
=====
Kenneth E. Harker  N1PVB      Dartmouth College  Amateur Packet Radio
kenneth.e.harker@dartmouth.edu  Hinman Box 1262    n1pvb@w1et.nh.usa.na
(603) 643-5716      Hanover, NH 03755  or n1pvb-5 on 144.99
=====
```

(PGP Public Key now available on request)

Date: 4 May 94 11:32:00 GMT
From: iat.holonet.net!wwwswinc!steve.silverwood@uunet.uu.net
Subject: Ten-Tec Address (or fax #)
To: info-hams@ucsd.edu

References: <ColxCI.JDv@pica.army.mil>

> I heard an interesting piece of news on our local repeater yesterday
> about the fact that Ten-Tec now offers 2m amplifier KITS (Yay!) for a
> reasonable price.

> Sooo, I think I'll ask them for a catalog. Anyone out there have their
> address, or preferably a fax number?

Ten-Tec has been advertising their offering of kits for several months as
a side note on part of their ads in the ham magazines. No specifics,
though, in any of them. I haven't called them yet for their catalog but I
guess I should.

//Steve//

Steve Silverwood [KB60JS/2]	CompuServe: 76703,3035	
Computer Associates	GEnie: S.SILVERWOOD	
One Computer Associates Plaza	Internet: 76703.3035@compuserve.com	
Islandia, NY 11788-7000	Prodigy: XBHU98A	
(516)CALL-CAI (225-5224)	FAX: (516)342-6861	

* RM 1.4 B0021 * We are Beatles of Borg. Ya say ya want assimilation...

Date: Tue, 3 May 1994 22:26:28 MDT
From: agate!library.ucla.edu!psgrain!nntp.cs.ubc.ca!alberta!ve6mgs!
usenet@ames.arpa
Subject: WARNING: Potential Satellite Anomaly Warning
To: info-hams@ucsd.edu

//////////

POTENTIAL SATELLITE ANOMALY WARNING

ISSUED: 03:30 UT, 04 MAY

//////////

ATTENTION:

Energetic electrons at greater than 2 MeV are becoming moderately enhanced. The main enhancement began near 14:00 UTC on 03 May. Electrons reached high levels near 20:00 UTC on 03 May. This activity has recurred for several months now. If the last several solar rotations are any indication, this activity might persist until approximately 16 or 17 May (perhaps not quite this long on this rotation). During this interval, some geosynchronous birds may experience electron charging related anomalies.

** End of Warning **

End of Info-Hams Digest V94 #489
